

Project Title	Funding	Strategic Plan Objective	Institution
Genetic basis of autism	\$6,175,430	Q3.8	Cold Spring Harbor Laboratory
Cell repository	\$4,318,579	Q2.1	Rutgers, The State University of New Jersey
Software for collecting and managing data from Simons Simplex Collection	\$4,145,488	Q6.1	Prometheus Research LLC
Autism Treatment Network (ATN)	\$3,400,000	Q4.7	Autism Speaks
A genome-wide search for autism genes in the Simons Simplex Collection	\$2,896,750	Q3.8	Yale University
Autism Genome Project (AGP)	\$2,400,000	Q3.8	Autism Speaks
Interactive Autism Network (IAN)	\$2,200,000	Q6.1	Kennedy Krieger Institute
Autism Genetic Resource Exchange (AGRE)	\$2,100,000	Q3.8	Autism Speaks
Neural and cognitive mechanisms of autism	\$1,500,000	Q4.5	Massachusetts Institute of Technology
Simons Simplex Collection Site - 9	\$1,342,262	Q3.8	University of Michigan
Mutation analysis of candidate genes derived from an autism protein interaction network in SSC autism samples	\$1,133,994	Q3.8	Baylor College of Medicine
Comprehensive genetic variation detection to definitively assess the role of the X chromosome in autism	\$1,019,797	Q3.2	Emory University
Pilot project to assess web-based family recruitment for autism genetics studies	\$998,654	Q1.Other	University of California, Los Angeles; Washington University in St. Louis; Kennedy Krieger Institute
Novel models to define the genetic basis of autism	\$800,694	Q4.5	Cold Spring Harbor Laboratory
Infrastructure support for autism research at MIT	\$750,000	Other	Massachusetts Institute of Technology
Autism Treatment Program (ATP)	\$700,000	Q2.6	Autism Speaks
SFARI Base - A web interface for database characterizing the study subjects from Simons Simplex Collection	\$698,000	Other	Mindspec, Inc.
Mitochondria and autism	\$690,460	Q1.3	University of California, Irvine; University of California, San Diego
Developmental and augmented intervention for facilitating expressive language	\$600,000	Q4.3	University of California, Los Angeles
Simons Simplex Collection Site - 7	\$564,055	Q3.8	Yale University
Simons Simplex Collection Site - 13	\$562,415	Q3.8	Boston Children's Hospital
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$499,780	Q3.Other	Research Foundation for Mental Hygiene, Inc.
Function and dysfunction of neuroligins	\$498,665	Q4.5	Stanford University
Investigation of the role of MET kinase in autism	\$488,411	Q4.5	Johns Hopkins University School of Medicine
Simons Simplex Collection Site - 8	\$480,985	Q3.8	Emory University
Relevance of NPAS1/3 balance to autism and schizophrenia	\$475,787	Q3.2	University of Texas Southwestern Medical Center
Simons Simplex Collection Site - 3	\$473,036	Q3.8	Washington University in St. Louis
The role of Contactin-associated Protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.8	Johns Hopkins University School of Medicine

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Family characterization network - 1	\$463,694	Q2.5	Massachusetts General Hospital
Simons Simplex Collection Site - 1	\$458,174	Q3.8	Baylor College of Medicine
Simons Simplex Collection Site - 11	\$458,000	Q3.8	Columbia University
A non-human primate autism model based on maternal infection	\$446,873	Q4.5	California Institute of Technology
Cellular and molecular alterations in gabaergic inhibitory circuits by mutations in MECP2, a gene implicated in the Rett syndrome of the autism spectrum disorders	\$441,032	Q4.5	Cold Spring Harbor Laboratory
Informatics - 2	\$411,912	Q6.1	Massachusetts General Hospital
Identifying and understanding the action of autism susceptibility genes	\$409,620	Q3.8	University of Oxford
A recurrent genetic cause of autism	\$400,000	Q3.8	Massachusetts General Hospital
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.8	Baylor College of Medicine
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.Other	Massachusetts General Hospital
A multi-site clinical randomized trial of the Hanen More Than Words intervention	\$400,000	Q4.4	University of Massachusetts Boston
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.5	Duke University Medical Center
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.5	Columbia University
Simons Simplex Collection Site - 6	\$393,989	Q3.8	University of California, Los Angeles
Using zebrafish and chemical screening to define function of autism genes	\$390,993	Q4.5	Whitehead Institute for Biomedical Research
Simons Simplex Collection Site - 4	\$369,014	Q3.8	University of Illinois at Chicago
Role of UBE3A in neocortical plasticity and function	\$367,500	Q4.5	Duke University
Simons Simplex Collection Site - 2	\$362,500	Q3.8	University of Washington
The role of Shank3 in autism spectrum disorders	\$360,000	Q4.5	Mount Sinai School of Medicine
Regulation of synaptogenesis by cyclin dependent kinase 5	\$327,398	Q4.5	Massachusetts Institute of Technology
Promoting early social-communicative competency in toddlers with autism	\$323,000	Q4.3	University of Northern Colorado
Simons Simplex Collection Site - 12	\$316,564	Q3.8	Vanderbilt University
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
Development of brain connectivity in autism	\$300,000	Q2.5	New York School of Medicine
Bioinformatics/ISAAC	\$300,000	Q3.Other	Autism Speaks
Effects of parent-implemented intervention for toddlers with autism spectrum	\$300,000	Q4.3	Florida State University

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Promoting communication skills in toddlers at risk for autism	\$300,000	Q4.3	University of California, Los Angeles
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$300,000	Q4.8	Kennedy Krieger Institute
Perturbed activity dependent plasticity mechanisms in autism	\$296,372	Q4.5	Harvard Medical School
Recessive genes for autism and mental retardation	\$289,040	Q3.8	Beth Israel Deaconess Medical Center
Comprehensive follow-up of novel autism genetic discoveries	\$289,026	Q3.8	Massachusetts General Hospital
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$250,806	Q4.5	Massachusetts Institute of Technology
Autism spectrum disorder and the visual analysis of human motion	\$250,000	Q2.5	Rutgers, The State University of New Jersey
Brain circuitry in simplex autism	\$250,000	Q2.Other	Washington University in St. Louis
Simons Simplex Collection Site - 5	\$242,504	Q3.8	The Research Institute of the McGill University Health Centre
Neural mechanisms for social cognition in ASD	\$238,040	Q2.5	Massachusetts Institute of Technology
Connectopathic analysis of autism	\$234,451	Q4.5	Harvard University
Assessing information processing and capacity for understanding language in non-verbal children with autism	\$220,000	Q2.5	Rutgers University; City University of New York
Etiology of autism risk involving MET gene and the environment	\$220,000	Q3.8	University of California, Davis
A study of autism	\$217,402	Q1.Other	University of Pennsylvania
Enhancing inter-subjectivity in infants at high-risk for autism	\$213,000	Q4.3	IWK Health Centre/Dalhousie University
Interactions of environment and molecular pathways on brain overgrowth in autism: Maternal inflammation and the PI3/AKT pathway	\$211,200	Q3.6	University of California, Los Angeles
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	\$210,122	Q4.5	University of California, San Francisco
Dysregulation of p13/AKT in mouse models for social interaction deficits and for ASD with macrocephaly	\$204,926	Q4.5	University of Texas Southwestern Medical Center
Early intervention for children screened positive for autism by the first year inventory	\$200,000	Q4.3	University of North Carolina at Chapel Hill
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q4.5	Columbia University
Clinical Trials Network (CTN)	\$200,000	Q4.7	Autism Speaks

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Probing a monogenic form of autism from molecules to behavior	\$187,500	Q4.5	Stanford University
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$178,843	Q3.2	Massachusetts General Hospital
Simons Simplex Collection Site - 10	\$172,538	Q3.8	University of Missouri
Collaborative neuropathology workgroup: A comprehensive multilevel analysis of frontal lobe microstructure in autism	\$166,000	Q2.5	University of California, San Diego
A better understanding of the therapeutic actions of specific neuroleptics in autism	\$165,572	Q4.5	The Rockefeller University
Exploring the role of synaptic proteins in mouse models of autism	\$165,572	Q4.5	The Rockefeller University
Novel methods for testing language comprehension in children with ASD	\$150,000	Q1.2	Boston University
Attention to social and nonsocial events in children with autism	\$150,000	Q1.2	Florida International University
The development of Chinese versions of ADOS and ADI-R	\$150,000	Q1.2	Johns Hopkins Bloomberg School of Public Health
Family study of autism: Genomic and proteomic markers	\$150,000	Q1.3	Southwest Autism Research & Resource Center
Signatures of gene expression in ASD	\$150,000	Q1.3	Boston Children's Hospital
Mis-regulation of BDNF in autism spectrum disorders	\$150,000	Q1.3	Weill Cornell Medical College
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	\$150,000	Q1.3	Harvard Medical School
Language processing in children with 22q11 deletion syndrome and autism	\$150,000	Q1.4	Emory University
Automated measurement of facial expression in autism: Deficits in facial nerve function?	\$150,000	Q1.4	University of Miami
Quality of life for children with autism spectrum disorders and their parents	\$150,000	Q1.Other	Massachusetts General Hospital
Stereological analyses of neuron numbers in frontal cortex from age 3 years to adulthood in autism	\$150,000	Q2.5	University of California, San Diego
Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	\$150,000	Q2.5	University of Michigan
Neural correlates of social exchange and valuation in autism	\$150,000	Q2.5	Baylor College of Medicine
Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	\$150,000	Q2.5	Kennedy Krieger Institute
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$150,000	Q2.5	Université de Montréal
MRI study of brain development in school age children with autism	\$150,000	Q2.5	University of North Carolina at Chapel Hill

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Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	\$150,000	Q2.Other	University of Texas Southwestern Medical Center
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	\$150,000	Q2.Other	University of California, Los Angeles
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$150,000	Q2.Other	University of North Carolina School of Medicine
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	\$150,000	Q2.Other	University of North Carolina at Chapel Hill
Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism	\$150,000	Q2.Other	University of California, Davis
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$150,000	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Role of Pam in synaptic morphology and function	\$150,000	Q2.Other	Massachusetts General Hospital
Role of neuroligin in synapse stability	\$150,000	Q2.Other	Oklahoma Medical Research Foundation
Analysis of cortical circuits related to ASD gene candidates	\$150,000	Q2.Other	Cold Spring Harbor Laboratory
The effects of Npas4 and Sema4d on inhibitory synapse formation	\$150,000	Q2.Other	Boston Children's Hospital
Molecular and environmental influences on autism pathophysiology	\$150,000	Q3.1	University of California, Los Angeles
Genome-wide association study of autism characterized by developmental regression	\$150,000	Q3.2	Cincinnati Children's Hospital Medical Center
Influence of the maternal immune response on the development of autism	\$150,000	Q3.6	University of Medicine & Dentistry of New Jersey
Role of micro-RNAs in ASD affected circuit formation and function	\$150,000	Q3.8	University of California, San Francisco
Uncovering genetic mechanisms of ASD	\$150,000	Q3.8	Boston Children's Hospital
Autism and SNPs in the IGF pathway	\$150,000	Q3.8	Princeton University
Effect of oxytocin receptor inhibitor (Atosiban) during the perinatal period and prevalence of autism spectrum disorders	\$150,000	Q3.Other	Hebrew University
The role of the neurexin 1 gene in susceptibility to autism	\$150,000	Q3.Other	Massachusetts General Hospital/Harvard Medical School
Neurogenic growth factors in autism	\$150,000	Q3.Other	Yale University
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$150,000	Q4.2	Baylor College of Medicine
Intervention for infants at risk for autism	\$150,000	Q4.3	University of California, Davis
Intervention for infants at risk for autism	\$150,000	Q4.3	University of Washington

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A randomized controlled trial of two treatments for verbal communication	\$150,000	Q4.4	Yale Child Study Center
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$150,000	Q4.4	Thomas Jefferson University
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$150,000	Q4.4	San Francisco State University
Testing the effects of cortical disconnection in non-human primates	\$150,000	Q4.5	Salk Institute for Biological Studies
Aberrant synaptic function due to TSC mutation in autism	\$150,000	Q4.5	Columbia University Medical Center
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$150,000	Q4.8	University of California, Davis
Longitudinal neurogenetics of atypical social brain development in autism	\$146,082	Q2.5	Yale University
Multisensory processing in autism	\$145,000	Q2.5	University of North Carolina at Chapel Hill
Autism dysmorphology measure validity study	\$143,873	Q1.2	University of Missouri
Cognitive neuroscience - 1	\$142,158	Q2.Other	Massachusetts Institute of Technology
Dendritic organization within the cerebral cortex in autism	\$140,000	Q2.5	The Open University
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	\$140,000	Q4.8	Medical University of South Carolina
Consequences of maternal antigen exposure on offspring immunity: An animal model of vertical tolerance	\$137,000	Q2.Other	The Fox Chase Cancer Center
Meg investigation of the neural substrates underlying visual perception in autism	\$130,000	Q2.5	Massachusetts General Hospital
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	\$130,000	Q2.Other	Stanford University
Models and mechanisms - 1	\$127,050	Q4.5	Massachusetts Institute of Technology
Think Asperger's	\$125,000	Q1.2	Southwest Autism Research & Resource Center
Comparison of high to low intensity behavioral intervention	\$121,029	Q4.7	Center for Autism and Related Disorders
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$120,000	Q2.5	University of Washington
The mirror neuron system in children with autism	\$118,156	Q4.1	University of Washington
Executive functioning, theory of mind, and neurodevelopmental outcomes	\$118,007	Q1.4	Vanderbilt University Medical Center
Oxytocin biology and the social deficits of autism spectrum disorders	\$112,500	Q1.3	Stanford University

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Regulation of inflammatory TH17 cells in ASD	\$112,500	Q2.2	New York University School of Medicine
Language learning in autism	\$112,159	Q1.5	Georgetown University
Cognitive neuroscience - 2	\$111,690	Q2.Other	Boston University School of Medicine
Impact of innate immunity on regressive autism	\$110,000	Q2.2	University of Medicine & Dentistry of New Jersey
Social behavior deficits in autism: Role of amygdala	\$110,000	Q2.Other	State University of New York Upstate Medical Center
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$110,000	Q2.Other	University of Rochester
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$110,000	Q3.1	Universita Campus Bio-Medico di Roma
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$110,000	Q3.6	Baylor College of Medicine
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$110,000	Q3.6	University of Medicine & Dentistry of New Jersey
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$110,000	Q3.Other	The Feinstein Institute for Medical Research
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	\$109,658	Q4.6	Newcastle University
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	\$100,000	Q2.5	Stanford University
Animal models of autism: Pathogenesis and treatment	\$100,000	Q2.Other	University of Texas Southwestern Medical Center
Epigenetics, hormones and sex differences in autism incidence	\$100,000	Q3.1	University of Virginia
Translational genetic studies in familial ASDs	\$100,000	Q3.8	Massachusetts General Hospital
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$100,000	Q3.Other	Institute of Psychiatry, King's College London
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	\$100,000	Q4.4	University of Colorado Denver
Robotics and speech processing technology for the facilitation of social communication training in children with autism	\$100,000	Q4.4	University of Southern California
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	\$100,000	Q4.6	University of California, San Francisco
Altering motivational variables to treat stereotyped behavior	\$100,000	Q4.Other	St. Cloud State University
Improved quality of life for people with autism and their families by integrating biomedical and behavioral approaches	\$100,000	Q4.Other	State University of New York
Evaluating a 3D VLE for developing social competence	\$100,000	Q4.Other	University of Missouri

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Family recruitment network - 2	\$90,110	Q3.2	Tufts Medical Center
Models and mechanisms - 2	\$90,000	Q4.5	Boston Children's Hospital
Acupressure and acupuncture as an intervention with children with autism	\$90,000	Q4.6	Kennedy Krieger Institute
The impact of autism specific genomic variations on microRNA gene expression profile	\$88,000	Q3.8	The Hospital for Sick Children
Gene finding - 1	\$85,275	Q3.8	Massachusetts General Hospital
Simons Simplex Collection Site - 14	\$84,827	Q3.8	University of Massachusetts Medical School
Family recruitment network - 1	\$84,587	Q3.2	Boston Medical Center
Family support network - 1	\$83,219	Q5.1	Boston Medical Center
Cognitive neuroscience - 4	\$80,571	Q2.Other	Massachusetts General Hospital
Vitamin D status and autism spectrum disorder: Is there an association?	\$80,000	Q3.1	University of California, Davis
Family recruitment network - 4	\$76,992	Q3.2	Boston Children's Hospital
A system biology approach to autism genetics	\$75,624	Q3.8	University of California, Los Angeles
Evaluation of E-learning for training behavioral therapists	\$74,835	Q5.4	Center for Autism and Related Disorders
Family support network - 4	\$73,289	Q5.1	Massachusetts General Hospital
Multi-registry analyses - Denmark	\$72,000	Q3.9	Emory University
Cognitive neuroscience -3	\$70,933	Q2.Other	Boston Children's Hospital
Remote parent training project	\$70,000	Q4.Other	Southwest Autism Research & Resource Center
Exploring the role of synaptic proteins in mouse models of autism	\$66,228	Q2.Other	The Rockefeller University
Multi-registry analyses - data management core	\$66,000	Q3.9	Columbia University
International trends in diagnoses and incidence of autism spectrum disorders	\$64,023	Q1.2	Telethon Institute for Child Health Research
Neuronal populations related to deficits in social emotions and cognition in autism: A neurobiological and genomics approach	\$62,500	Q3.8	California Institute of Technology
MET receptor tyrosine kinase and autism spectrum disorder	\$62,500	Q3.9	Vanderbilt University
Demonstration of the novel RASL/DASL method for analysis of gene expression in frontal cortex in autism and control cases	\$62,103	Q3.8	University of California, San Diego
Neurophysiological indices of risk and outcome in autism	\$61,000	Q1.3	University of Washington
Clinical and gene signatures of ASDs	\$61,000	Q1.3	University of British Columbia
Ethnicity and the elucidation of autism endophenotypes	\$61,000	Q1.4	Washington University in St. Louis
Imitation in autism	\$61,000	Q1.4	King's College, London

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The early identification of temperament endophenotypes in ASD	\$61,000	Q1.4	Dalhousie University
Interactions between mothers and young children with ASD: Associations with maternal and child characteristics	\$61,000	Q1.Other	University of Haifa
Past, present and future-oriented thinking about the self in children with ASD	\$61,000	Q2.5	City University, London
Gamma band dysfunction as a local neuronal connectivity endophenotype in autism	\$61,000	Q2.5	University of Colorado Denver
Quantifying white matter connectivity in autism	\$61,000	Q2.5	University of Utah
Double blind placebo controlled trial of hyperbaric oxygen	\$60,021	Q4.6	Center for Autism and Related Disorders
Motor control in young children with autism	\$60,000	Q1.4	University of Florida
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	\$60,000	Q1.Other	Kennedy Krieger Institute
A large scale, two phase study to estimate prevalence, and raise awareness, about autism spectrum conditions in India	\$60,000	Q1.Other	Action for Autism/Creating Connections
ARTI: The autism research & training initiative in India	\$60,000	Q1.Other	Sangath
KZN autism study	\$60,000	Q1.Other	University of KwaZulu-Natal
Is autism a mitochondrial disease?	\$60,000	Q2.2	University of California, Davis
Deriving neuroprogenitor cells from peripheral blood of individuals with autism	\$60,000	Q2.2	University of Utah
Exploring functional brain connectivity for visual cognition in autism spectrum disorder	\$60,000	Q2.5	University of Kentucky
Victimization, pragmatic language, and social and emotional competence in adolescents with ASD	\$60,000	Q2.5	Queen's University
Oxidative stress and immune response in autism	\$60,000	Q2.5	New York State Institute for Basic Research in Developmental Disabilities
Cortical mechanisms underlying visual motion processing impairments in autism	\$60,000	Q2.5	Harvard Medical School
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$60,000	Q2.5	University of Missouri
Analysis of brain microstructure in autism using novel diffusion MRI approaches	\$60,000	Q2.5	Washington University School of Medicine
Psychophysiological mechanisms of emotion perception	\$60,000	Q2.5	Georgia State University
Electrical measures of functional cortical connectivity in autism	\$60,000	Q2.5	University of Washington
Communication and prosody in autism: A pilot fMRI study using a sib-pair design	\$60,000	Q2.5	Washington University in St. Louis

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Relation of sleep epileptiform discharges to insomnia and daytime behavior	\$60,000	Q2.Other	Vanderbilt University
Pathway-based genetic studies of autism spectrum disorder	\$60,000	Q2.Other	University of Pennsylvania
Attentional abnormalities in autism: An electrophysiological study of the basal forebrain and central nucleus of the amygdala	\$60,000	Q2.Other	University of California, San Diego
Neuroligins and neuroligins as autism candidate genes: Study of their association in synaptic connectivity	\$60,000	Q2.Other	University of California, San Diego
The genetics of restricted, repetitive behavior: An inbred mouse model	\$60,000	Q2.Other	University of Florida
Identification and functional characterization of gene variants	\$60,000	Q2.Other	Universita Campus Bio-Medico di Roma
Identification of UBE3A substrates using proteomic profiling in Drosophila	\$60,000	Q2.Other	University of Tennessee Health Science Center
A novel cell-based assay for autism research and drug discovery	\$60,000	Q2.Other	University of Arizona
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	\$60,000	Q2.Other	Vanderbilt University
Using genetically modified mice to explore the neuronal network involved in social recognition	\$60,000	Q2.Other	Haifa University
An adult brain-specific mouse model of neuronal TSC inactivation	\$60,000	Q2.Other	Massachusetts General Hospital
Differential effects of thimerosal on cell division and apoptosis in normal vs. autism spectrum disorder cell lines	\$60,000	Q3.1	The Methodist Hospital Houston
Early developmental risk factors for autism in a national birth cohort	\$60,000	Q3.6	Turku University
Maternal risk factors for autism in the Nurses Health Study II – pilot study	\$60,000	Q3.6	Harvard School of Public Health
Potential role of noncoding RNAs in autism	\$60,000	Q3.8	Children's Mercy Hospitals and Clinics
Understanding glutamate signaling defects in autism spectrum disorders	\$60,000	Q3.8	Johns Hopkins University
Genomic resources for identifying genes regulating social behavior	\$60,000	Q3.8	Emory University
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	\$60,000	Q3.9	Massachusetts General Hospital
Prospective examination of 6-year cumulative incidence of ASDs: A total population study	\$60,000	Q3.9	Yale University
Genetic and epigenetic interactions in a mouse model for autism	\$60,000	Q3.Other	David Geffen School of Medicine at University of California, Los Angeles
Early biologic markers for autism	\$60,000	Q3.Other	Kaiser Foundation Research Institute

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Linking autism and congenital cerebellar malformations	\$60,000	Q3.Other	University of Chicago
Gene-environment interactions in the pathogenesis of autism-like neurodevelopmental damage: A mouse model	\$60,000	Q3.Other	Johns Hopkins University School of Medicine
Innovative technology for mapping social engagement in children with autism: Adaptive physiological profiling in real time	\$60,000	Q4.1	Vanderbilt University
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	\$60,000	Q4.1	Mount Sinai School of Medicine
Joint attention intervention for nonverbal children with ASD	\$60,000	Q4.4	University of California, Los Angeles
Measuring the effects of training parents to provide intervention via the Arizona telemedicine program	\$60,000	Q4.4	Southwest Autism Research & Resource Center
Development of an executive function-based intervention for ASD	\$60,000	Q4.4	Children's National Medical Center
Evaluating the effectiveness of the social cognition training tool (SCOTT) in ASD on behavioral, oculomotor, and neuronal levels	\$60,000	Q4.4	Max Planck Institute for Human Development
Social cognition and interaction training for adolescents with high functioning autism	\$60,000	Q4.4	University of North Carolina at Chapel Hill
A play and joint attention intervention for preschool teachers and young children with autism	\$60,000	Q4.4	Cleveland State University
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	\$60,000	Q4.4	Penn State Milton S. Hershey Medical Center
Peer-mediated intervention for elementary school students with ASD	\$60,000	Q4.4	University of Colorado Denver
Efficacy of community-based instruction and supported employment on the competitive employment outcomes on transition-age youth with autism	\$60,000	Q4.4	Virginia Commonwealth University
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	\$60,000	Q4.4	University of California, Los Angeles
Generation of genetic models of autism in mice	\$60,000	Q4.5	New York University School of Medicine
Transcranial magnetic stimulation (RTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	\$60,000	Q4.Other	Columbia University
Transition to adulthood: Service utilization and determinants of functional outcomes	\$60,000	Q6.2	Washington University in St. Louis
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	\$59,984	Q1.2	Cornell University

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Scales, procedures, and intervention programs for estimating the prevalence of childhood disability and autism in Bangladesh	\$59,966	Q1.4	Dhaka Shishu (Children's) Hospital, Bangladesh Institute of Child Health
Neuronal nicotonic receptor modulation in the treatment of autism: A pilot trial of mecamlamine	\$58,000	Q4.8	The Ohio State University
The role of the autism-associated gene Tuberous Sclerosis Complex 2 (TSC2) in presynaptic development	\$55,000	Q2.Other	University of California, San Diego
Identification of autism candidate genes on the X-chromosome from copy number variants identified by 500K SNP-CHIP analysis	\$55,000	Q3.8	Centre For Addiction And Mental Health
Architecture of myelinated axons linking frontal cortical areas	\$54,000	Q2.Other	Boston University
Evaluation of web-based curriculum assessment and program design	\$51,003	Q5.4	Center for Autism and Related Disorders
Gene expression profiling of autism spectrum disorders	\$51,000	Q3.8	Boston Children's Hospital
Joint attention intervention for caregivers and their children with autism	\$51,000	Q4.4	University of California, Los Angeles
Automated measurement of dialogue structure in autism	\$50,000	Q1.1	Oregon Health & Science University
Markers of inflammation and oxidative damage	\$50,000	Q2.2	Research Foundation for Mental Hygiene, Inc.
Genetic studies of autism susceptibility	\$50,000	Q3.8	Rutgers University
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	\$50,000	Q4.7	Eugene Research Institute
Genomic imbalances in autism - AS	\$49,500	Q3.8	University of Chicago
Optical analysis of circuit-level sensory processing in the cerebellum	\$49,000	Q2.Other	Princeton University
Exploring the role of CC2D1A in neuronal development and synaptic function	\$49,000	Q3.8	Harvard University
fMRI studies of cerebellar functioning in autism	\$47,500	Q2.5	University of Illinois at Chicago
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	\$47,500	Q2.Other	Massachusetts Institute of Technology
BDNF secretion and neural precursor migration	\$47,500	Q2.Other	Dana-Farber Cancer Institute
Family support network - 3	\$46,874	Q5.1	Tufts Medical Center
Enhancing social communication for children with HFA	\$46,000	Q4.4	University of Haifa
Autistic enterocolitis/Crohns	\$45,000	Q4.2	University of Turin
Family support network - 6	\$44,411	Q5.1	Boston Medical Center
Neural circuit deficits in animal models of Rett syndrome	\$44,000	Q2.Other	Cold Spring Harbor Laboratory
Technology support for interactive and collaborative visual schedules	\$42,000	Q4.Other	University of California, Irvine

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Visual system connectivity in a high-risk model of autism	\$41,000	Q2.Other	Boston Children's Hospital
Evaluating intensive early behavioral intervention in autism	\$40,000	Q4.3	Temple University
Oxidative stress: Rat study	\$40,000	Q4.5	Brigham and Women's Hospital
Family support network - 5	\$39,234	Q5.1	Boston Children's Hospital
Teaching children to comprehend rules containing "if/then"	\$38,994	Q4.Other	Center for Autism and Related Disorders
Neuronal oxidative stress in autism	\$37,500	Q2.2	Case Western Reserve University
Family recruitment network - 3	\$36,965	Q3.2	Massachusetts General Hospital
Multi-registry analyses - Finland	\$36,000	Q3.9	Turku University
Multi-registry analyses - Norway	\$36,000	Q3.9	Norwegian Institute of Public Health
Multi-registry analyses - Israel	\$36,000	Q3.9	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses - Sweden	\$36,000	Q3.9	Karolinska Institutet
Multi-registry analyses - West Australia	\$36,000	Q3.9	The University of Western Australia
Chart review of 38 cases of recovery from autism	\$35,117	Q4.Other	Center for Autism and Related Disorders
Age and treatment intensity in behavioral intervention	\$34,879	Q4.Other	Center for Autism and Related Disorders
Long-term follow-up of children with autism who recovered	\$33,965	Q4.Other	Center for Autism and Related Disorders
Are neuronal defects in the cerebral cortex linked to autism?	\$33,000	Q2.Other	Memorial Sloan-Kettering Cancer Center
The genetic link between autism and structural cerebellar malformations	\$32,000	Q1.3	University of Chicago
Understanding perception and action in autism	\$32,000	Q2.5	Kennedy Krieger Institute
Phonological processing in the autism spectrum	\$32,000	Q2.5	Heriot-Watt University
Mimicry and imitation in ASDs	\$32,000	Q2.5	University of Connecticut
Maternal dietary factors and risk of ASDs	\$32,000	Q3.6	Harvard Medical School
Immunobiology in autism	\$32,000	Q3.6	University of California, Davis
Influence of maternal cytokines on activation of the innate immune system as a factor in the development of autism	\$32,000	Q3.6	University of Medicine & Dentistry of New Jersey
Neural mechanisms of social cognition and bonding - AS	\$31,500	Q2.Other	Emory University
Development of categorization and facial knowledge in infants at-risk for autism - AS	\$31,000	Q1.4	University of Pittsburgh
Parent mediated behavioral treatment of food selectivity	\$30,966	Q4.Other	Center for Autism and Related Disorders
Evaluation of behavior problems in children with ASD	\$30,025	Q1.Other	Center for Autism and Related Disorders

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Visuospatial processing in adults and children with autism	\$30,000	Q2.5	Carnegie Mellon University
Neural basis of audiovisual integration during language comprehension in autism	\$30,000	Q2.5	University of Rochester
Molecular basis of autism associated with human adenylosuccinate lyase gene defects	\$30,000	Q2.Other	University of Delaware
Epstein-Barr virus research	\$30,000	Q2.Other	Pediatric Gastrointestinal Association
Increasing social engagement in young children with ASD using video self-modeling and peer training	\$30,000	Q4.4	Indiana Resource Center for Autism
An examination of the effectiveness of manipulative letter instruction on decoding skills of young children with autism	\$30,000	Q4.4	Virginia Commonwealth University
A clinical randomized control trial of joint attention intervention in young children with ASD	\$30,000	Q4.4	University of Miami
Examination of rerequisite skills for learning using video modeling	\$30,000	Q4.4	New England Center for Children
Translation of evidenced based treatment to classrooms	\$30,000	Q4.4	University of California, San Diego
Feeding problems in children with ASD: Impact of parent education in modifying aberrant eating habits	\$30,000	Q4.4	Marcus Institute
Building tacting and joint attention skills with the use of ACS	\$30,000	Q4.4	Rutgers University
Training paraprofessional staff to provide proactive supports for individuals with severe in inclusive settings	\$30,000	Q6.3	Carolina Behavior Analysis and Support Center
Assessing preference for reinforcers in children with autism	\$29,684	Q4.Other	Center for Autism and Related Disorders
Temperament, emotional expression, and emotional self-regulation in relation to later ASD diagnosis	\$29,500	Q1.4	Bryn Mawr College
DNA methylation and other epigenetic studies of autism brain	\$29,000	Q3.Other	Baylor College of Medicine
Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism	\$28,000	Q2.2	Northeastern University
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	\$28,000	Q2.5	University of Texas at Austin
FMRI evidence of genetic influence on rigidity in ASD	\$28,000	Q2.5	University of Michigan
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$28,000	Q2.5	Carnegie Mellon University
Informational and neural bases of empathic accuracy in autism spectrum disorder	\$28,000	Q2.5	Columbia University
Neural basis of socially driven attention in children with autism	\$28,000	Q2.5	University of California, Los Angeles
Caspr2 dysfunction in autism spectrum disorders	\$28,000	Q2.Other	Yale University

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Cognitive control and social engagement among younger siblings of children with autism	\$28,000	Q2.Other	University of Miami
Roles of Wnt signaling/scaffolding molecules in autism	\$28,000	Q2.Other	University of California, San Francisco
A sibling mediated imitation intervention for young children with autism	\$28,000	Q4.3	Michigan State University
Establishing liquid medication administration compliance	\$27,985	Q4.Other	Center for Autism and Related Disorders
Evaluation of sleep disturbance in children with ASD	\$27,456	Q2.Other	Center for Autism and Related Disorders
Psychophysiological approaches to the study of autism	\$26,000	Q2.Other	University of Washington
Brain region specific oxidative stress	\$25,575	Q2.2	Brigham and Women's Hospital
Psychometric evaluation of the behavior problems inventory in ASD	\$25,032	Q1.Other	Center for Autism and Related Disorders
Naturalistic observation diagnostic assessment for autism	\$25,000	Q1.1	Southwest Autism Research & Resource Center
Ethics of communicating scientific findings on autism risk	\$25,000	Q3.Other	Drexel University School of Public Health
Desensitization techniques for difficult behaviors	\$25,000	Q4.Other	Southwest Autism Research & Resource Center
Raising glutathione levels in children with autism	\$24,516	Q4.6	University of Texas
Teaching theory of mind skills to children with ASD	\$24,025	Q4.Other	Center for Autism and Related Disorders
Gene finding - 2	\$23,055	Q3.8	Boston Children's Hospital
Teaching children to identify others' preferences	\$22,058	Q4.Other	Center for Autism and Related Disorders
Identifying factors that predict response to intervention	\$21,965	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify causes of others' emotions	\$20,687	Q4.Other	Center for Autism and Related Disorders
Assisted reproductive treatments and risk of autism	\$20,000	Q3.6	Institute of Psychiatry, King's College London
Probiotics and vitamin D in ASD	\$20,000	Q4.6	Oregon Health & Science University
Description and assessment of sensory abnormalities in ASD	\$18,968	Q2.Other	Center for Autism and Related Disorders
Sleep, neuropsychological, mood, behavior, learning, and developmental problems in children with autism	\$18,085	Q1.4	Penn State College of Medicine
Family recruitment network - 5	\$17,236	Q3.2	Massachusetts General Hospital
Double blind placebo controlled evaluation of fluconazole	\$15,134	Q4.6	Center for Autism and Related Disorders
Measuring Hg body burden in 3 groups	\$14,960	Q3.1	University of Texas
Preventing autism via very early detection and intervention	\$14,256	Q4.9	Center for Autism and Related Disorders
Telemedicine approach to teaching pill-swallowing skills	\$14,168	Q4.Other	Center for Autism and Related Disorders
Tibial bone lead levels	\$12,500	Q2.Other	Autism Associates of New York
Presence of clostridia in children with and without ASD	\$12,054	Q2.Other	Center for Autism and Related Disorders

Project Title	Funding	Strategic Plan Objective	Institution
Effects of follow-through during DTT on verbalizations	\$11,231	Q4.Other	Center for Autism and Related Disorders
Baby sibs	\$11,086	Q1.Other	Autism Speaks
Psychometric evaluation of the QABF in children with ASD	\$11,069	Q1.Other	Center for Autism and Related Disorders
Urinary assay for HPL	\$11,048	Q2.Other	Autism House
Informatics - 1	\$10,408	Q6.1	Harvard Medical School
Psychometric evaluation of the autism symptom diagnostic scale	\$8,975	Q1.Other	Center for Autism and Related Disorders
Family characterization network - 2	\$5,353	Q2.5	Boston University School of Medicine

